

MATERIAL SAFETY DATA SHEET**0009 00****Company:**

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1. Product Identification

A-200-SiC-1005S: Silica-Alumina-Carbon

<u>Chemical Name</u>	<u>CAS Number</u>
Alumina	1344-28-1
Carbon Powder	7440-44-0
Water	7732-18-5
Silicon Dioxide	1314-23-4
Sodium Oxide	1313-59-3

2. Composition/Information on Ingredients

<u>Chemical</u>	<u>Percent by Weight</u>
Alumina	Balance
Carbon Powder	5%
Water	< 10
Silicon Dioxide	10%
Sodium Oxide	7%

<u>Chemical</u>	<u>ACGIH TLV</u>
Alumina (dust)	10 mg/m ³
Carbon Powder (dust)	10 mg/m ³
Water	None
Silicon Dioxide (dust)	10 mg/m ³
Sodium Oxide (dust)	10 mg/m ³

3. Hazards Identification**Potential Health Effects**

Routes of entry: Eyes, Skin, Inhalation and Ingestion.

Eye Contact: Mild irritation may result from dust in eyes.

Skin Contact: May cause local dermatitis, which is relieved when removed. May cause allergic dermatitis.

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- Inhalation: Exposure to dust of any kind may produce respiratory allergy with symptoms of asthma in a small portion of workers. Dust particles of any kind may be abrasive and may cause irritation, chest pain, and shortness of breath.
- Ingestion: May cause gastrointestinal disorders.
- Warning: Dust of any kind in high concentrations may cause injury to skin, eyes, or respiratory tract.
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4. First Aid Measures

- Eyes: Flush eyes with running water for at least 15 minutes. Lift upper and lower eyelids and rinse under them. Do not rub eyes. Seek medical attention if irritation develops or persists.
- Skin: In case of contact, wash with soap and plenty of water.
- Inhalation: Remove to fresh air. If breathing has stopped, administer artificial respiration, oxygen, or cardio-pulmonary resuscitation if needed. Seek medical aid as needed.
- Ingestion: No adverse effects expected, but seek medical advice.
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5. Accidental Release Measures

Sweep up into appropriate container. Avoid creating dusting conditions.

6. Handling and Storage

Store in cool, dry place in tightly closed containers. Avoid breathing dusts. Avoid direct or prolonged contact with skin and eyes. Wash hands thoroughly after handling. Do not rub eyes with soiled hands. Do not eat, drink, or smoke in the work area.

Does not burn.

If the material is pneumatically conveyed, ground the equipment to avoid excessive static electricity. Sparks from static electricity can ignite any combustible vapors present.

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7. Exposure Controls/Personal Protection

Respiratory Protection:	Atmospheric levels should be maintained below the exposure guideline. Where the exposure guideline may be greatly exceeded, use appropriate NIOSH/MSHA respirator.
Skin Protection:	Work uniform, gloves.
Eye Protection:	Safety glasses with sideshields or monogoggles.
Other clothing And Equipment:	Maintain a sink, safety shower and eyewash fountain in the work area.

8. Toxicological Information

Oral LD50 - rat:	>5 g/kg
Dermal LD50 - rabbit:	>1.0mL/gm/kg
Dermal Irritation - rabbit:	non-irritating (5 minute contact) mild irritant (4 hour contact)
Ocular Irritation - rabbit:	moderate irritant (1 minute contact) borderline irritant (24 hour contact)

9. Transport Information**HAZARDOUS CLASSIFICATION INFORMATION**

This product is not a hazardous material for regulation by DOT. Not a self-heating substance per Test N.4, "Test Method for Self-heating Substances, Recommendation on the Transportation Dangerous Goods, UN Manual of Tests and Criteria, 2nd Revised Edition, 1995.

MSDS prepared by Guild Associates, Inc.

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END OF WORK PACKAGE